

What is claimed:

1. (Currently amended) A home-land intelligent system's technology comprising at least a sensor embedded in at least a silicon substrate and etched in at least a micro-fibered material designed in a wired outfit to enable at least an effective sensory platform for enabling detection and interactive monitoring and communication of terrorist activities, movements, and for enabling detection and interactive monitoring [the] and communication of pre-use and/or post use of deadly weapons such as chemical, biological, nuclear, radiological gases and explosives in a randomly patrolling commercial and battlefield environment and enabling wireless communication thereon, comprising:

- A detection means;
- A sensor means;
- Receiving means, including at least an RFID chip and/or at least an FM receiver for receiving signals and outputting modulating signals to a processing means;
- Transmitting means, for generating coded signals and outputting at least said generated signal to a receiving means and for enabling comparing of said generated signal with at least a detected signal;
- Antenna means, for receiving and outputting coded signals through radio wave transmission from at least a transmitting means to at least a receiving means and for receiving frequency signals from at least a sensor indicative of enabling interactive communication within at least said monitoring and communication system;
- At least a sensor means [,] for operating on at least a defined principles of detection to [detecting] enable detection of said deadly [gases and explosives] weapons in at least a gaseous phase, a liquid phase, a solid phase, and at least an applied explosive phase;
- Means for interactively enabling wireless communication to home-land security monitoring stations, security personnel, and other plurality security agencies when said deadly gases and explosives are sensed
- Control means, for providing status on detected gases and/or explosives to a communication means [,] and for enabling interactive wireless communication thereon; and



- Interactive monitoring means, including a wearable jacket with sensors embedded in a silicon substrate and etched inside at least a jacket lining or outfit [,] for generating said coded signal of at least a sensed agent in said randomly patrolling environment and for enabling interactive communication [therein] thereon.
2. (Currently amended) The home-land intelligent system's technology of claim 1, wherein said interactive processing means includes at least a control means having a microprocessor means connected to at least a memory and wherein said interactive processor means interfaces with at least an analyte chamber for providing signal communication there-between and for filtering out said processed signal output, responsive for enabling improve signal to noise ratio in at least a pattern of recognized detection and for enabling communication clarity through said antenna means.
  3. (Currently amended) The home-land intelligent system's technology of claim 1, wherein said radio frequency signal is generated by at least a transmitter [is] and matched with said pattern of detection signal generated by at least a biological and/or chemical gases and wherein said radio frequency identification "RFID" is a chip for reading said signal generated by at least a transmitter [is] and matched with said pattern of recognized detection signals generated by at least a deadly weapon such as at least an explosive device, said system enables monitoring, detecting, and protecting against contextual characteristics influential to change in environmental condition, said system further comprising means for detecting weapons of mass destruction, wherein said means includes sensors embedded in at least a silicon substrate, and wherein said silicon substrate is etched in at least a micro-fibered material having excellent electrical properties to enable at least a platform for enabling said detection, wherein said micro-fibered material is further wired in a second material to form at least a component of said system having said detection platform for analyzing a predefined parameters of detection indicative of at least a variance of operation of at least a terrorist activities enabling said weapons of mass destruction, and wherein said predefined parameters forming a pattern of detection common to generating at least a comparison to a stored sample of detection in connection to signals generated by components of said weapons of mass destruction, at least one said component includes a biological agent having deadly characteristics and rotation means comprising



- a transmitting means activated by at least a sensory platform to automatically transmit at least a detected data to at least an analyzer such as a receptor for comparing with stored samples to enable at least an output, wherein said generated signal is sent to at least receiving means for communication thereon, said receiving means responsive for receiving signal communication from at least a transmitter means and enabling means for verifying said signal communication to enable interactive wireless communication to at least a centralized station through said transmitting means enabled by at least a control means, at least an RFID chip forming component of said control means and enabling communication with said transmitting means, wherein said control means responsive for enabling wireless communication with at least said receiving means indicative of detection signal communication to at least a respondent station for revealing at least said detection contextual characteristics influential to environmental change.
4. (Currently amended) The home-land intelligent system's technology of claim [1] 2, wherein said sensing means includes [sensors] at least a sensor embedded in a silicon substrate and wherein said embedded sensor is etched in a material fabric for enabling a sensory platform responsive for sensing and for generating data indicative of biological, [and/or] chemical, nuclear, radiological agents detection and for generating data indicative of a gaseous and or explosive detection [and where] to enable interactive communication through said platform, wherein said platform responsive to activating external devices and for enabling communication through a designed outfit to at least a receptor, said receptor responsive for enabling communication to at least a network of security agencies.
5. (Currently amended) The home-land intelligent system's technology of claim 4, wherein said sensing means for generating data enables detection of human's heartbeat and respiratory system through at least a code-able system having interactive communication means with at least an RFID chip indicative of communicating the same to at least a network of security [for networking and communication] agencies thereon.
6. (Currently amended) The home-land intelligent system's technology of claim 5, wherein said sensing and [communication] detecting means for enabling said interactive





communication includes interfacing with multiple processors in communication with security agencies networks to enable at least a shared data with at least [for] a military and security agencies communication and monitoring means.

7. (Currently amended) The home-land intelligent system's technology of claim 6, wherein said sensing and detecting means includes at least an RFID code-able chip for enabling detection of weapons of mass destruction and wherein said code-able sensing means includes means for enabling detection of sudden change in human's pulsation within said assigned detection environment or battlefield assignment to enable interactive communication [is enabled] through at least a wireless networking means to at least a defined security and communication station.
8. (Currently amended) The home-land intelligent system's technology of claim [3] 6, wherein said means for enabling said interactive communication further includes at least a receptor and wherein said means for enabling said interactive communication includes at least a cell phone and/or a two-way radio, whereby said interactive communication means is not limited to means for empowering said [sensor] sensory platform, but includes means [and for recognizing and receiving] for enabling recognition of at least a received signal generated by said [sensor] sensory platform and means [to electronically simulate] for enabling electronic simulation of responses indicative of at least a detection of weapons of mass destructions for enabling interactive wireless communication thereon.
9. (Currently amended) The home-land security system's technology of claim 5, wherein said sensing and detecting means for enabling generating said detection data includes at least a control means responsive for [enables] enabling interactive wireless communication there-between indicative of revealing detection of at least a sensed gaseous agent and/or explosives within at least a defined vicinity common to assigning at least a personnel to duties such as security monitoring and /or battlefield engagement, and wherein such duties includes at least [in a] randomly patrolling [area] said vicinity within said assigned environment.



10. (Currently amended) The home-land intelligent system's technology comprising sensors embedded in at least a silicon substrate, wherein said silicon substrate is etched in a micro-fibered material and wired in an outfit designed to improve the effectiveness of a detection platform and for monitoring deadly weapons such as biological, chemical, nuclear, and radiological weapons in at least a gaseous phase and/or applied explosives and /or including explosive elements [in] within a randomly patrolling [area] environment for enabling interactive wireless communication thereon, comprising:

- receiving means for receiving signal communication from at least a transmitter;
- means for verifying said signal communication and for [wireless] enabling interactive wireless communication through transmitting signals from said transmitting means when at least a sensed signal or at least a detection signal is enabled;
- control means for receiving signal from said detection platform means and for receiving signal from at least a transmitting means to enable communication indicative of a gaseous or explosive detection environment;
- means for transforming detection signals such as at least a chemical information into an energy form;
- (New) means for interactively enabling wireless communication to home-land security monitoring stations and other plurality security agencies when said deadly gases and explosives are sensed;
- (New) control means in communication with said processing means for providing status on detected gases and/or explosives to at least a communication means and for enabling interactive wireless communication thereon;
- means for enabling audio vocal/audio visual communication in response to a sensed signal indicative of at least a detection of weapons of mass destruction; and
- processing means for coordinating transient signals and for receiving sensed signal communication indicative of said detection output.

11. (Currently amended) The home-land intelligent systems technology of claim 10, wherein said sensing means includes [wearable outfit] at least a person wearing at least an outfit



having at least a sensory platform indicative of detection means in communication with at least a receiving means, and wherein said receiving means includes an antenna in connection with said sensing means embedded in said outfit, wherein said sensing means further includes means for transforming at least a biological energy into useful analytical signal responsive for enabling communication thereon.

12. (Currently amended) The home-land intelligent system's technology of claim [10]11, wherein said sensing means includes a wearable outfit and wherein said [sensing means embedded in an outfit] wearable outfit further includes means for verifying said received signal and for transforming at least a chemical energy into useful analytical signal[,] and enables generating data to at least a control means responsive for enabling interactive wireless communication there-between indicative of at least a sensed gaseous agent and/or explosives within at least a defined vicinity common to assigning at least a personnel to duties such as security monitoring and /or battlefield engagement, and wherein such duties includes at least randomly patrolling said vicinity within said assigned environment.
13. (Currently amended) The home-land intelligent system's technology of claim 12, wherein said sensing means includes a wearable outfit and wherein said [sensing means embedded in an outfit] wearable outfit includes means for transforming at least said energy generated from explosive devices into useful analytical signal for generating data indicative of contextual detection analysis and further includes means for enabling communication with at least a control means responsive for enabling interactive wireless communication there-between indicative of at least a sensed gaseous agent and/or explosives within at least a defined vicinity common to assigning at least a personnel to duties such as security monitoring and /or battlefield engagement, and wherein such duties further include at least randomly patrolling said vicinity within said assigned environment.
14. (Currently amended) The home-land intelligent system's technology of claim 13, wherein said sensing means includes an outfit having at least a sensor circuitry comprising a detection platform having at least a monitoring means in communication with a detection means, said monitoring means responsive for enabling detection of deadly weapons and contextual characteristics affecting the safety of at least an



environment, wherein said sensory circuitry having means for analyzing said communication signal from at least a sensor means indicative of [for] detecting at least a chemical energy and wherein said sensing means for detecting said chemical energy [detects explosive energy] detects weapons of mass destruction such as at least energy from explosive devices, and includes means for enabling signal transformation from at least an energy source into detecting gases and/ or explosives carried by a person or in a person's body and for detecting gases and/ or explosives in a transportation equipment [and other] within the vicinity of at least a randomly patrolling environment.

15. (Currently amended) The home-land intelligent system's technology of claim [11] 14, wherein said sensing means includes means for transforming at least [an] the effects of electrochemical interaction with at least an analyte electrode into [a] useful signal communication, and wherein said sensory circuitry comprises at least a sensor means embedded in at least a silicon substrate, wherein said embedded sensor means and said silicon substrate are etched in at least a re-enforced micro-fibered material, for enabling thermal control and detection means through at least a platform indicative of detecting contextual characteristics influential to at least a change in environmental conditions and/or situations.
16. (Currently amended) The home-land intelligent system's technology for monitoring weapons of mass destruction such as at least gaseous and explosive devices in the vicinity of at least a randomly patrolling [area] environment, said environment having means for analyzing signal communication from at least a sensor means, wherein said means for analyzing said signal communication from said sensor means comprises at least an antenna means coupled to the said sensor means, and wherein said sensor means includes at least a transmitter for energizing at least a detection platform and for enabling analyzed data transmission through interactive wireless communication with at least a wireless control means, comprising;

- means for receiving radio frequency from at least a sensor;
- means for receiving radio frequency signal from at least an environment;
- Means for transmitting output signals to a location external to said randomly patrolling [area] environment;



- means for filtering out signal output;
- means for storing coded data indicative of said sensed signal and said detection signal indicative of predetermined detection signal input/output; [and]
- means for upgrading energy level of said detection platform and at least a communication device;
- sensor circuitry means comprising a detection platform having at least a monitoring means for communicating detection of characteristics affecting environmental conditions and safety;
- interactive wireless communication means for analyzing sensed communication signals from at least a sensor and for enabling a network communication thereof; and
- wireless control means for controlling contextual signal transmission and signal receivable indicative of detection characteristics:

17. (Currently amended) The home-land intelligent system's technology of claim 16, wherein said sensing means includes a wearable outfit and wherein said wearable outfit includes means for measuring at least a change in electrical properties caused by the interaction of at least an analyte, wherein said analyte is not limited to metal oxide and/or semiconductor gas sensor, but includes at least a sensor embedded in a silicon substrate and etched in at least a re-enforced micro fibered material for sensing and generating data indicative of biological, chemical, nuclear, radiological agents detection and for generating data indicative of a gaseous and or explosive detection, wherein said data responsive for initiating detection of weapon of mass destruction and for enabling interactive communication through a control means, a processor means, and wherein said micro fibered material fabric designed in at least an outfit enables contextual detection of at least an agent influential to said massive destruction indicative of enabling network communication with at least security agencies thereon.

18. (Currently amended) The home-land intelligent system's technology of claim 17, wherein said sensing means includes a sensor circuitry in a wearable outfit and wherein said wearable outfit includes means for transforming mass change at a modified surface caused by at least a mass absorption of at least an analyte at an oscillator means into a change of property of a support material responsive for analyzing signal communication



from said sensor means with signals from at least an antenna means coupled to the sensor means, wherein said sensor means includes at least a transmitter for transmitting detection signals and for energizing the detection platform, wherein said platform is responsible for enabling analyzed data transmission through interactive wireless communication with at least a wireless control means.

19. (Currently amended) The home-land intelligent system's technology of claim 18, wherein said sensing means includes a data storage means in connection with at least a wearable outfit having at least embedded sensors in at least a silicon substrate and wherein said wearable outfit [includes means] with said embedded silicon are etched in at least a micro-fibered material for enabling a detection platform and further includes an attachable receptor means for empowering the detection platform and for transforming changes in optical phenomena due to at least an interaction of an analyte with a receptor part indicative of at least a sensed gaseous agent and/or explosives within at least a defined vicinity common to assigning at least a personnel to duties such as security monitoring and /or battlefield engagement, and wherein such duties includes at least randomly patrolling said vicinity within said assigned environment.
20. (Currently amended) The home-land intelligent system's technology of claim 16, wherein said means for upgrading said energy level of said detection system includes an energy empowering means, and wherein said energy empowering means includes means for [charging] recharging said energy to empower at least a receptor and/or a detection platform.
21. (Currently amended) The home-land intelligent system's technology of claim 16, wherein said means for transforming chemical information into an energy form transforms at least a chemical energy into useful analytical signal for generating data to at least a control means, said control means responsive for enabling interactive wireless communication there-between indicative of at least a sensed gaseous agent and/or explosives within at least a defined vicinity common to assigning at least a personnel to duties such as security monitoring and /or battlefield engagement, and wherein such duties includes at least randomly patrolling said vicinity within said assigned environment, and wherein said means for transforming [signal] energy to locations



external to said randomly patrolling area includes at least a receptor and or a cell phone and or a two-way radio for enabling said communication thereon.

22. (Currently amended) The home-land intelligent system's technology of claim [17] 21, wherein said wearable outfit includes at least a micro fibered material and/or a fabricated micro-fibered material in combination with a mixture of at least a second material, and wherein said receiving means in connection with at least an analyzer enables performance of a predetermined analysis of detection in response to said sensed contextual characteristics, wherein said sensing means further defines at least a platform for enabling detection of weapons of mass destruction indicative of enabling said detection characteristics to be communicated to at least a device for transforming said communication signal into electrical energy.
23. (Currently amended) A home-land intelligent system's technology of claim [16] 20, wherein said means for upgrading said energy level of at least a detection means and/or communication device includes at least a wind energy source having means responsive for wirelessly energizing at least a receptor means and/or a platform means for at least a wired outfit, said wired outfit having a detection means for detecting contextual characteristics influential to enabling weapons of mass destruction, wherein said detection means includes at least a detection platform having sensors embedded in at least a micro-fibered material having excellent electrical properties for enabling detection efficiency, and wherein said micro-fibered material is etched in at least a silicon substrate to further enable efficient signal conduction, and wherein said silicon substrate is either etched or fused on at least a second material forming said detection platform and enabling a mobile detection system responsive for forming the basis for detecting contextual characteristics influential to environmental change and enabling communication thereon, said mobile detection means comprising first plurality of interactive detectors in at least a detection platform, wherein each of the plurality of interactive detectors being selected to detect at least one of characteristics influential to weapons of mass destruction, such that at least a temperature detector, a contextual object detector, and at least a speech detector are enabled in the said platform, and wherein at least a second plurality of interactive detectors being selected to detect at least one of selected sounds, un-parallel wave motion, biological agents, chemical agents, nuclear agents, radiological agents, and at



least a Q factor responsive to environmental pressure change; a plurality of transistorized switches embedded on at least said detection platform for enabling thermal adjustment to environmental condition influential to said system's operation, said transistorized switches being in connection with at least plurality temperature sensors, each said temperature sensor having at least a transmitting and receiving means, said transmitting and receiving means enabling networking and wireless communication with the first and the second plurality of interactive detectors, and wherein each temperature sensor further monitors the presence of thermal change of the said system, and each transistorized switches further enabling adjustment of said thermal change of the said system to proper operating temperature and pressure range; a plurality of audio speakers, each audio speaker connected to at least a control means, wherein said control means receives communication signal from at least the first plurality sensors, the second plurality sensors, and wherein said communication signal is readable by at least a microprocessor, said microprocessor being in wireless communication with the first and second plurality of interactive detectors and responsive for enabling a selected human voice response output indicative of at least a recognized specific detection; a plurality of transmitter means, each transmitter means responsive for transmitting signals from one of said first and second plurality of interactive detectors; at least one receiver means for receiving signals from at least one of the first and second plurality of transmitter means; at least one microprocessor for receiving, storing, and processing data from at least the receiver means, and for communicating said data through at least one of the plurality speakers to personnel monitoring said assigned environment and at least other security monitoring stations; at least one of said receiver means being an RFID chip embedded in at least said platform said mobile detection system; at least one of said transmitter means being an RFID chip embedded in at least said platform forming said mobile detection system; at least said RFID chip receiving wireless communication signals from the said plurality detectors and communicating said received signals wirelessly to at least said microprocessor, wherein said microprocessor, upon receiving said signal from the RFID chip, enables audio visual communication; at least one speaker means for outputting said human voice auditory message from at least a processor means, and for selectively



broadcasting sensed emergency conditions to at least the personnel monitoring said assigned environment.

24. (currently amended) A home-land intelligent system's technology of claim 23, wherein said wind energy source enables interactive communication with at least a turbine responsive [emission of energy indicative of signals in response to] for emitting energy, and wherein said emitted energy from said turbine is empowered through at least a wave frequency in response to said empowerment rate indicative of recharging at least a detection device for enabling signaling and at least for enabling communication in response to detection of at least a weapons of mass destruction and for enabling protection thereon.
25. (Currently amended) A home-land intelligent system's technology of claim 24, wherein said [emission of energy is indicative of at least anticipatory] means for emitting said energy from at least a wind energy source comprises at least a second means for regenerating said energy indicative of utilizing at least a natural energy means to enable electrical energy for empowering of at least a security monitoring and detection device in remote locations indicative of enabling recharging of at least a detection means responsive for signaling in response to detection of weapons of mass destruction and wherein said emitted detected signal is transformed into energy form responsive for [emission of energy enables] enabling interactive network communication and protection thereon.
26. (Currently amended) The home-land intelligent system's technology of claim [19] 23, wherein said sensing means with said embedded sensors forming at least a platform for detection in a wearable outfit includes at least a micro electro mechanical system "MEMS" responsive for enabling detection of said contextual characteristic, said contextual characteristics is at least one of resonant frequency, harmonic spectra, and at least said Q factor.
27. (Currently amended) [A wearable homeland based protection and monitoring system's outfit for protecting at least an assigned location of at least a site, said homeland based protection and monitoring system's outfit is portable and having at least a sensor for deploying pattern of signals indicative of signals of weapons of mass destructions, for detection of at least a mass destructive agent, wherein said outfit for detecting at least a



mass destructive agent] The home-land intelligent system's technology for monitoring weapons of mass destruction such as at least a gaseous and explosive devices in the vicinity of at least a randomly patrolling environment, said system's technology having means for analyzing signal communication from at least a sensor means, wherein said means for analyzing said signal communication from said sensor means comprises at least an antenna means coupled to the said sensor means, and wherein said sensor means includes at least a transmitter for energizing said detection platform and enabling analyzed data transmission through interactive wireless communication with at least a wireless control means, and wherein said sensor means further includes at least a wearable outfit for enabling at least a homeland based mobile detection, protection, and monitoring system responsive for protecting at least an assigned location of at least a site, wherein said homeland based mobile detection, protection, and monitoring system's outfit responsive for enabling system portability having at least a sensor for deploying pattern of signals indicative of signals of matching signals of weapons of mass destruction and for enabling detection of agents of at least said weapons of mass destruction, wherein said outfit for detecting, protecting, and monitoring at least said agent, comprises;

- a system of sensors for detecting deployment of at least a biological agent;
- a system of sensors for detecting the deployment of at least a chemical agent;
- a system of sensors for detecting the deployment of at least an explosive device;
- a sensor system for detecting deployment of at least a radioactive agent
- at least a sensing means embedded in a silicon substrate, wherein said embedded sensors are etched into at least a micro-fibered fabric material to enable at least a detection platform;
- means for attaching said micro-fibered fabric material forming a platform into a portable system in at least a wearable outfit, for sensing at least a weapon of mass destructions, and for producing analog to digital signal representation thereof; and
- a converting means for receiving said signal and for analyzing said signal in relation to a wind pattern representation of at least said weapon of mass destruction frequency, and for converting said signal of mass destruction into a digital communication signal thereon.



28. (Currently amended) A wearable homeland based mobile detection, protection, and monitoring system's outfit as claimed in [21] 27, wherein said system's outfit enables at least a mobile detection through at least a pattern recognition means [comprises] comprising a monitoring network for sensing and generating data indicative of biological, chemical, nuclear, radiological agents detection and for generating data indicative of a gaseous and or explosive detection to enabling interactive communication through at least a control means and/or a processor means, and wherein said micro fibered material forming a fabric is designed in at least said outfit to enable contextual detection, protection, and monitoring of at least an agent influential to environmental mass destruction and responsive for enabling said network communication with security agencies thereon.
29. (Currently amended) A wearable homeland based mobile detection, protection and monitoring system as claimed in [22] 27, wherein said sensing means includes an outfit having at least sensor circuitry comprising a detection platform having at least a monitoring means in communication with a detection means for enabling detection of deadly weapons and contextual characteristics affecting the safety of at least an environment, wherein said sensory circuitry having links with at least a converting means for analyzing said communication signal from at least a sensor indicative of detecting chemical energy and wherein said sensing means for detecting chemical energy detects explosive energy, said converting means further includes means for enabling signal transformation from at least an energy source into detecting gases and/ or explosives carried by a person or in a person's body and for detecting gases and/ or explosives in a transportation equipment within the vicinity of a randomly patrolling environment , wherein said converting means derives said communication signal from at least a matching wind pattern signal integral [of ] to at least an analog/digital signal communication.
30. (Currently amended) A wearable homeland based mobile detection, protection and monitoring means as claimed in [23] 28, wherein said sensor means is embedded in at least a temperature control means and fused/ etched in a sensory platform, wherein said [temperature control means] sensory platform is etched in at least a fabric, said fabric



comprises means for protecting at least a human body from body bacterial, and wherein said body bacterial includes a body odor and possible environmental effects from applied weapons of mass destruction indicative of contextual characteristics influential to at least a change in environmental conditions.

31. (Currently amended) A wearable homeland based mobile detection, protection and monitoring means as claimed in [26] 29, wherein said material for the design of at least an outfit is made of at least a micro-fiber material having excellent electrical properties and sensors for measuring a change in said electrical properties caused by the interaction of at least an analyte and wherein said analyte is not limited to metal oxide and or semiconductor gas sensor, but includes at least a sensor embedded in a silicon substrate and etched in at least said re-enforced micro fibered material for sensing and generating data indicative of biological, chemical, nuclear, radiological agents detection and for generating data indicative of a gaseous and or explosive detection responsive for enabling interactive wireless communication through a control means, a processor means, and wherein said micro fibered material fabric designed in at least an outfit having said platform further responsive for enabling contextual detection of at least an agent influential in enabling weapons of mass destruction for enabling network communication with security agencies thereon.
32. (Currently amended) A wearable homeland based mobile detection, protection and monitoring means as claimed in [26] 31, wherein said at least a micro-fibered material is structured and [said micro-fibered material is] arranged to adapt to [change] changes in [temperature] thermal condition when at least an environmental temperature condition is in at least an extreme point for protecting at least a person wearing said outfit from at least [an] said uncomfortable temperature condition and for transforming mass change at a modified surface caused by at least a mass absorption of at least an analyte at an oscillator into a change of property of a support material, for analyzing signal communication from a sensor means with at least an antenna means coupled to the said sensor means, wherein said sensor means and said thermal control means includes at least a transmitter for energizing the said detection platform to enable analyzed data transmission through interactive wireless communication with at least a wireless control means.



33. (Currently amended) A mobile homeland intelligent system's technology for monitoring [terrorism] terrorist activities and for monitoring enemy line in a battle field, wherein said homeland intelligent system's technology [is] includes a wearable [and] outfit which is portable [for] and enables detection and protection against [of] weapons of mass destruction, and further includes a processing means for receiving and for processing analog and digital signals, said processing means comprises at least a pattern of recognition technique, wherein said technique enables means for determining if said processed signal contains at least a pattern common to the deployment of at least a weapon of mass destruction [, wherein when said pattern recognition means confirms a detection, said processing signals would employ a rate of respondent initiation for containment of said terrorist or person desiring deployment of at least a weapon of mass destruction, enabling communication signals indicative of at least a detection of at least said weapon of mass destruction] responsive for confirming at least a detection, and wherein said processing means responsive for initiating employment of personnel indicative of the responding rate of respondent initiation for containment of said weapon, said terrorist and/or said person desiring deployment of at least said weapon of mass destruction by enabling communication signals indicative of contextual characteristics influential to at least a change in environmental conditions enforced by at least the use of said weapons of mass destruction and/or the detection of said person , comprising

- a system of sensors for detecting deployment of at least a biological agent;
- a system of sensors for detecting the deployment of at least a chemical agent;
- a system of sensors for detecting the deployment of at least an explosive device;
- a sensor system for detecting deployment of at least a radioactive agent;
- at least a sensing means embedded in a silicon substrate, wherein said embedded sensors are etched into at least a micro-fibered fabric material;
- means for attaching said micro-fibered fabric material into a portable system to enable at least a wearable outfit, for sensing at least a weapon of mass destructions and for producing analog to digital signal representation thereof;
- a control means in connection with said processing means responsive for said communication means;



- wireless communication means for initiating deployment of at least trained agents when deployment of at least weapon of mass destruction is sensed;
- means for enabling wirelessly communicating with plurality networks
- [Method of] means for obtaining analog or digital algorithm for enabling detection of weapon of mass destruction [with] through a portable computer based receptor to determine deployment rate of deployable weapons of mass destruction, said receptor having an adjustable pattern of recognition technique comprising the steps of detecting possible combination of weapons of mass destruction;
- [Method of] means for generating transportable electrical energy for recharging battle field electronic devices;
- a portable means for obtaining said analog or digital data representation of terrorist communication and activities for which a weapon of mass destruction is intended to be used, wherein said data being obtained from wind energy pattern common to at least waves generated by the composition of weapons of mass destruction in which protection is desired, and wherein a combination of all such waves constituting a library for detection of terrorist activities and/or detection of weapons of mass destruction is enabled.

34. (Currently amended) A mobile homeland intelligent system's technology as claimed in claim [27] 33, wherein said sensor means comprises pattern recognition algorithm for enabling at least a monitoring network and for sensing and generating data indicative of biological, chemical, nuclear, radiological agents detection and for generating data indicative of a gaseous and or explosive detection to enabling interactive communication through at least a control means and/or a processor means, and wherein said material fabric forming said platform is designed in at least said outfit , and wherein said outfit being in communication with said control means and said processing means to enable contextual detection, protection, and monitoring of at least an agent influential to environmental mass destruction and said control means responsive for enabling network communication with security agencies thereon.

35. (Currently amended) A mobile homeland intelligent system's technology as claimed in claim [27] 33, wherein said pattern recognition algorithm includes at least an optical character recognition technique responsive for activating at least a detection platform



having at least a monitoring means in communication with a detection means responsive for enabling detection of deadly weapons and other contextual characteristics affecting the safety of at least an environment, wherein said platform having at least a sensory circuitry, and said sensory circuitry having means for analyzing said detection and communication signal from at least a sensor on the said platform indicative of detecting at least a chemical energy, and wherein said sensing circuitry for detecting chemical energy detects explosive energy, and further includes means for enabling signal transformation from at least an energy source into detecting gases and/or explosives carried by a person or in a person's body and for detecting gases and/or explosives in a transportation equipment within the vicinity of a randomly patrolling environment, wherein said transformation means derives said detection and communication signal from at least a matching wind pattern wave signal integral to enabling at least an analog to digital signal communication.

36. (Currently amended) A mobile homeland intelligent system's technology as claimed in claim [27] 35, wherein said pattern recognition algorithm includes at least a voice recognition technique through at least a sensor means embedded in at least a temperature control means for enabling a sensory platform, wherein said sensory platform is etched in at least a fabric, said fabric having at least a micro-fiber material with excellent electrical properties comprises means for protecting at least a human body from body bacterial, and wherein said body bacterial includes a body odor and possible environmental effects from said applied weapons of mass destruction indicative of enabling protection against contextual characteristics influential to at least a change in environmental conditions.
37. (Currently amended) A mobile homeland intelligent system's technology as claimed in claim [27] 36, wherein said pattern recognition algorithm includes at least a military target identification technique embedded in at least a radio frequency identification "RFID" means responsive for measuring a change in electrical properties caused by the interaction of at least an analyte, and wherein said analyte is not limited to metal oxide and or semiconductor gas sensor, but includes at least a sensor embedded in a silicon substrate and etched in at least said re-enforced micro fibered material to enable at least a wearable outfit having a detection platform responsive for sensing and generating data indicative of biological, chemical, nuclear, radiological agents detection and for



generating data indicative of a gaseous and or explosive detection, wherein said platform enables interactive communication through at least a control means and/or a processor means, and wherein said micro fibered material fabric designed to enable contextual detection of at least an agent influential to mass destruction, and said platform having a thermostat means for enabling thermal protection and control of said sensory platform and/or said person wearing said outfit against environmental condition and responsive for enabling initial network communication with personnel and other security agencies thereon.

38. (Currently amended) A mobile homeland intelligent system's technology as claimed in claim [27] 37, wherein said sensor means comprises at least a platform forming a system for detecting at least a systematic wave-like pattern of composed weapons of mass destruction and for enabling detection of at least a change in temperature when at least an environmental temperature condition is in at least an extreme point and said platform enabling protecting at least a person wearing said outfit indicative of at least protecting against an uncomfortable temperature condition, and wherein said uncomfortable condition includes detection of weapons of mass destruction and said system transforming said mass change at a modified surface caused by at least a mass absorption of at least an analyte at least an oscillator into a change of property of a support material, said oscillator for said control means responsive for analyzing said signal communication from the sensory means through at least an antenna means coupled to the sensory means, wherein said sensory means, and/or said control means, and/or said temperature control means includes at least a transmitter for energizing the detection platform to efficiently enable analyzed data transmission through the antennas to enable interactive wireless communication to at least a centralized wireless control means and/or network .
39. (Currently amended) A mobile homeland intelligent system's technology as claimed in claim [27] 34, wherein additional data is wired/wirelessly input into at least a receptor for enabling analyzing the said detection data, [and] said additional data is output into [said] at least a network means indicative of at least a [and said] pattern recognition means, and wherein said receptor uses said additional data to enable interactive communication between the said receptor and the said network responsive for transforming at least a chemical energy into useful analytical signal for generating contextual data to at least a



control means, said control means enabling interactive wireless communication there-between indicative of at least a sensed gaseous agent and/or explosives within at least a defined vicinity common to assigning at least a personnel to duties such as security monitoring and /or battlefield engagement, and wherein such duties includes at least randomly patrolling said vicinity within said assigned environment, and wherein said means for transforming said energy to locations external to said randomly patrolling environment includes any of at least a receptor, a cell phone and/or a two way radio.

40. (Currently amended) A mobile homeland intelligent system's technology as claimed in claim [27] 39, wherein said additional data comprises data from anticipatory sensing of at least a weapon of mass destruction and responsive for enabling means for transforming mass change at a modified surface caused by at least a mass absorption of at least an analyte at an oscillator into a change of property of a support material, and for analyzing signal communication from at least a sensor means through at least an antenna means coupled to the sensor means, wherein said sensor means includes at least a transmitter for energizing the detection platform to enable rapid analysis of data transmission through interactive wireless communication to at least a wired/wireless control means.
41. (Currently amended) A mobile homeland intelligent system's technology as claimed in claim [27] 40, wherein said additional data comprises data from at least a network computer, and wherein said network computer [diagnoses] in communication with said detection platform includes means for diagnosing terrorism readiness and have at least sensor circuitry comprising links to said detection platform and having at least a monitoring means in communication with a detection means for enabling detection of deadly weapons of mass destruction and the characteristics affecting the safety of at least an environment, wherein said at least a sensory circuitry having means for analyzing said communication signal from at least a sensor is enabled upon completion of said analyzed detection characteristics indicative of detecting chemical energy, and wherein said sensing means for detecting said chemical energy detects explosive energy and further includes means for enabling signal transformation from at least an energy source into detecting gases and/or explosives carried by a person or in a person's body, and for detecting gases and/or explosives in a transportation equipment traveling within the vicinity of a randomly patrolling environment.



42. (Currently amended) A mobile homeland intelligent system's technology as claimed in claim [27] 41, wherein said processing means comprises at least an identification means for identifying foreign objects in at least wind waves occupying at least an assigned environment and for enabling means for transforming at least said identified foreign object effect on said wind wave enabling electrochemical interaction with at least an analyte electrode into a useful signal communication indicative of at least a detection through said sensory circuit, wherein said sensory circuitry comprises at least a sensor means embedded in at least a silicon substrate forming said detection platform, wherein said embedded sensor means and said silicon substrate are etched in at least a re-enforced micro-fibered material for enabling efficient detection through at least a platform means responsive for detecting contextual characteristics influential to at least a change in environmental conditions.
43. (Currently amended) A mobile homeland intelligent system's technology as claimed in claim [27] 42, wherein said processing means for identifying foreign objects in wind waves [,] comprises at least a converting means coupled to said processing means for [identification] identifying wave pattern, wherein said converting means responsive for receiving analog signal and said means for identifying wind waves enables [ and for] converting said analog signal into digital signal communication [means] indicative of gaseous and explosive device detection in the vicinity of at least a randomly patrolling environment, and wherein said processing means further includes means for analyzing signal communication from at least a sensor means, wherein said sensor means responsive for initiating analyzing data signals responsive for enabling communication from said sensor means to at least an antenna means coupled to the said sensor means indicative of enabling communication with other devices and assigned locations, and wherein said sensor means includes at least a transmitter for energizing the detection platform and for enabling wireless communication thereon.
44. (Currently amended) A mobile homeland intelligent system's technology as claimed in [27] 33, wherein said [method] means for obtaining analog or digital algorithm and for generating transportable electronic energy comprises at least a battle ship means responsive for utilizing objects of nature to generating said electrical energy responsive for energizing combat devices and for enabling detection and protection against weapons



of mass destruction, and includes a processing means for receiving and processing said analog and digital signals, wherein said processing means further comprises at least a pattern of recognition technique, and wherein said technique enables means for determining if said processed signal contains at least a pattern common to the deployment of at least a weapon of mass destruction indicative of confirming at least a detection and responsive for initiating employment of personnel indicative of responding to the rate of respondent initiation for containment of said terrorist or person desiring deployment of at least said weapon of mass destruction and further enabling communication signals thereon indicative of releasing data in response to analysis of said contextual characteristics influential to at least a change in environmental conditions enforced by at least the use of said weapons of mass destruction.

45. (Currently amended) A mobile homeland intelligent systems technology as claimed in 44, wherein said generated electrical energy enables interaction with devices responsive to said energized means for transporting [the said energy wirelessly] data and for enabling at least means for recharging battlefield portable electronic devices wirelessly indicative of amplify signals responsive for recharging said devices and for generating data through at least a control means, said control means enabling interactive wireless communication there-between indicative of responding to at least a sensed gaseous agent and/or explosives within at least a defined vicinity common to assigning at least a personnel to duties such as security monitoring and /or battlefield engagement, and wherein such duties includes at least randomly patrolling said vicinity within said assigned environment, and wherein said means for transforming said energy to locations external to said randomly patrolling environment further includes at least an outfit, a receptor, and/or a cell phone, and/or a two-way radio.